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DATE: August 28, 2006

PTO IDENTIFIER: Application Number 10/500,216-Conf. #3278

Patent Number

Inventor: Yuichi Hikichi et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

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Attorney Dkt. #: 61534(46342)

PAGES (Including Cover Sheet): 23

CONTENTS: Amendment Transmittal (1 page);

Response to Final Office Action (9 pages), including Isolation and Characterization of *Nr39h2*, a Second Histone H3 Methyltransferase Gene that Displays Testis-Specific Expression (11 pages) (toaling 20 pages);

Certificate of Transmission (1 page).

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FTO/SB/07 (09-04)

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Application No. (if known): 10/500,216

Attorney Docket No.: 61534(46342)

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Amendment Transmittal (1 page);

Response to Final Office Action (9 pages), including Isolation and Characterization of *Suv39h2*, a Second Histone H3 Methyltransferase Gene that Displays Testis-Specific Expression (11 pages) (totaling 20 pages).

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. 61534(46342)	
Application No. 10/500,216-Conf. #3278	Filing Date June 24, 2004	Examiner M. Y. Meah	Art Unit 1652	
Applicant(s): Yuichi Hikichi et al.				
Invention: PREVENTIVES/REMEDIES FOR CANCER				
<b>TO THE COMMISSIONER FOR PATENTS</b>				
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.				
<b>CLAIMS AS AMENDED</b>				
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate
Total Claims	9	- 24 =		X
Independent Claims	6	- 18 =		X
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				
Other fee (please specify):				
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>				0.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 100px;"><input type="checkbox"/> Small Entity</span> <input checked="" type="checkbox"/> No additional fee is required for this amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.				
<u>梅澤 淳</u> Jun Umemuro Attorney/Agent Reg. No.: L0247 EDWARDS ANGELL PALMER & DODGE LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444			Dated: <u>August 28, 2006</u>	

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Attorney Docket No. 61534 (46342)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANTS: Yuichi Hikichi, et al.

U.S.S.N.: 10/500,216

ART UNIT: 1652

FILED: June 24, 2004

EXAMINER: M. Y. Meah

FOR: PREVENTIVES/REMEDIES FOR CANCER

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

Applicants are in receipt of the Final Office Action mailed June 27, 2006 in connection with the above-referenced application. Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.

529593